A PROJECT REPORT ON

"MEDICAL STORE MANAGEMENT SYSTEM"

DEPARTMENT OF COMPUTER APPLICATION

NANDA NATH SAIKIA COLLEGE

TITABAR -785630

ASSAM

SUBMITTED BY:-

MUNMUN BORUAH	**PALLAB KUMAR DAS**	**SANJAY BORAH**
Roll No. 27220010	Roll No. 27220011	Roll No. 27220012

UNDER THE GUIDANCE OF

Mr. NILOTTAM PODDAR   **Mr. PRANJAL BORAH**
Computer Faculty   Computer Faculty
N.N. Saikia College, Titabar   N.N. Saikia College, Titabar

ACKNOWLEDGEMENT

We sincerely take the opportunity to express our heartfelt thanks and gratitude to all those who extended their wholehearted co-operations, opinions and gracious hospitality to us in completing the project work successfully.

We would like to acknowledge our gratitude towards our teachers at **Nanda Nath Saikia College** under the egis of **Dibrugarh University** ,for their understanding provision of sound counsel and precious guidance. Finally ,we wish to thank our friends for their support.

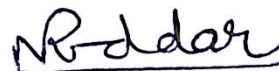| MUNMUN BORUAH	PALLAB KUMAR DAS	SANJAY BORAH
Roll No. 27220010	Roll No. 27220011	Roll No. 27220012

CERTIFICATE OF EXAMINATION

This is to certify that the project work "**Medical Store Management System**" jointly submitted by SANJAY BORAH, PALLAB KUMAR DAS, MUNMUN BORUAH for the 2nd semester of **PGDCA** course is a bonafide project work carried out by them under my supervision .

I wish them all success in future.

Thanks,

HOD
Deptt. of Computer Science
N.N. Saikia College

MR. NILOTTAM PODDAR

H.O.D

Department of Computer Application

N.N. Saikia College, Titabar

CERTIFICATE OF EXAMINATION

This is to certify that SANJAY BORAH, PALLAB KUMAR DAS, MUNMUN BORUAH, 2nd Semester students of PGDCA discipline of **N.N. Saikia College, Titabar** have successfully submitted their project on "**Medical Store Management System**" that was completed under the guidance of Mr. Nilottam Poddar and Mr. Pranjal Borah.

....P.Borah.........

Signature of External Signature of Internal

<u>DECLARATION</u>

We , SANJAY BORAH, PALLAB KUMAR DAS, MUNMUN BORUAH hereby declare that the project work entitled "**Medical Store Management System**" is an authentic work carried out by us for the partial fulfillment of , 2nd semester of PGDCA of Dibrugarh University. This report has not been anywhere else for the award of any degree or diploma.

MUNMUN BORUAH   **PALLAB KUMAR DAS**   **SANJAY BORAH**
Roll No. 27220010   Roll No. 27220011   Roll No. 27220012

Contents:-

1. TITLE OF THE PROJECT:

The project is entitled by "Pharmacy Management System".

2. PROJECT DEFINITION:

The Pharmacy Management System is a system for management of the database of the pharmaceutical shop. This is done by creating a database of the available medicines in the shop. The database is then connected to the main program by using interconnection of the visual basic program and the database already created.

3. OBJECTIVES:

Some of the basic objectives are as follows-

- To manage all sections of pharmacy like medicines,stocks,sells etc. which improve the processing efficiency.
- To make the pharmacy organizations computerized through minimizing or eliminating wasting of time as well as removing the resources such as papers for data saving.
- To give correct information on each medicines.

4. TOOLS USED IN THE PROJECT:

Operating system used-windows 7

IDE used   :   Microsoft Visual Basic 2008

express edition

SERVER Used   :   Wamp Server

Database used :   phpMyAdmin

About VB :

Visual Basic is a third generation event-driven programming language and integrated development environment(IDE) from Microsoft for its component object model(COM) programming model first released in 1991 and declared legacy during 2008. Microsoft intended visual basic to be relatively easy to learn and use. Visual basic was derived from BASIC, a user friendly programming language designed for beginners and it enables the Rapid Application Development(RAD) of Graphical User Interface (GUI) applications, access to database using data access objects,Remote Data Objects, or ActiveX Data Objects,and creation of ActiveX controls and objects.

5. DFD (DATA FLOW DIAGRAM) :

A Data Flow Diagram (DFD) is traditional visual representation of the information flows within a system. A neat and clear DFD can depict a good amount of the system requirements graphically. It can be manual, automated, or combination of both.

It shows how information enters and leaves the system, what changes the information and where information is stored. The purpose of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communications tool between a systems analyst and any person who plays a part in the system that acts as the starting point for redesigning a system.

It is usually beginning with a context diagram as the level 0 of DFD diagram, a simple representation of the whole system. To elaborate further from that, we drill down to a level 1 diagram with lower level functions decomposed from the major functions of the system. This could continue to evolve to become a level 2 diagram when further analysis is required. Progression to level 3, 4 and so on is possible but anything beyond level 3 is not very common. Please bear in mind that the level of details for decomposing particular function really depending on the complexity that function.

The following diagrams illustrate notations and symbols used to construct DFD:-
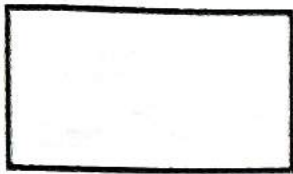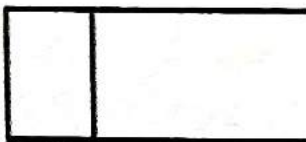
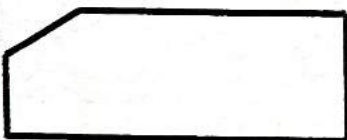A source (originator) or destination of system data,i.e The user
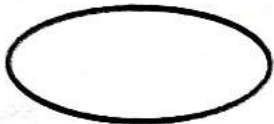
A process

Data flow

Data storage

Report or Output from the system

6. DATA DICTIONARY :

ADMIN :

SL .NO	FIELD NAME	DESCRIPTION	KEY
1	User	User name of the admin	
2	Password	Password of the admin	

Meds :

1	SI	Serial no. of medicine	Primary key
2	medname	Name of the medicine	
3	batch	Batch no. of medicine	
4	med_exp	Expiry date of the medicine	
5	med_unit	Unit of the medicine	
6	total_med	Total amount of medicine	
7	price_unit	Price per unit of medicine	
8	exp_status	Expiry status of medicine	

Sales :

1	Sl_no	Serial no. of customer	Primary key
2	c_details	Details of the customer	
3	med_name	Name of the medicine sale	
4	med_batch	Batch no. of the medicine	
5	exp_date	Expiry date of the medicine	
6	tot_price	Total price of the medicine	
7	date	Date of sale	
8	quantity	Total quantity of medicine sale	

Bill :

1	SL	Serial no. of customer	Primary key
2	Med_name	Name of medicine sale	
3	Batch	Batch no. of the medicine	
4	Quantity	Total quantity of medicine sale	
5	Total	Total price of the medicine sale	

ER Diagram:

CONTEXT LEVEL DFD
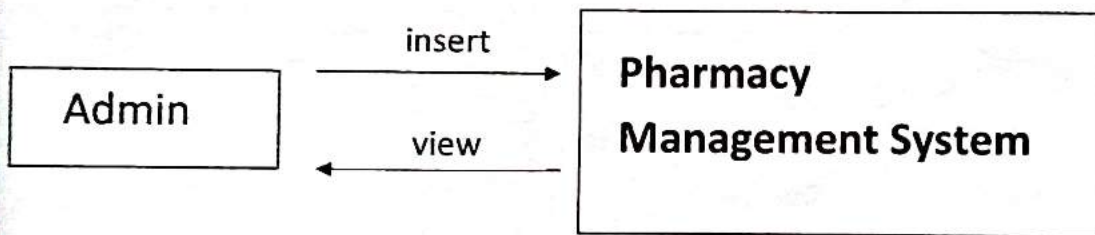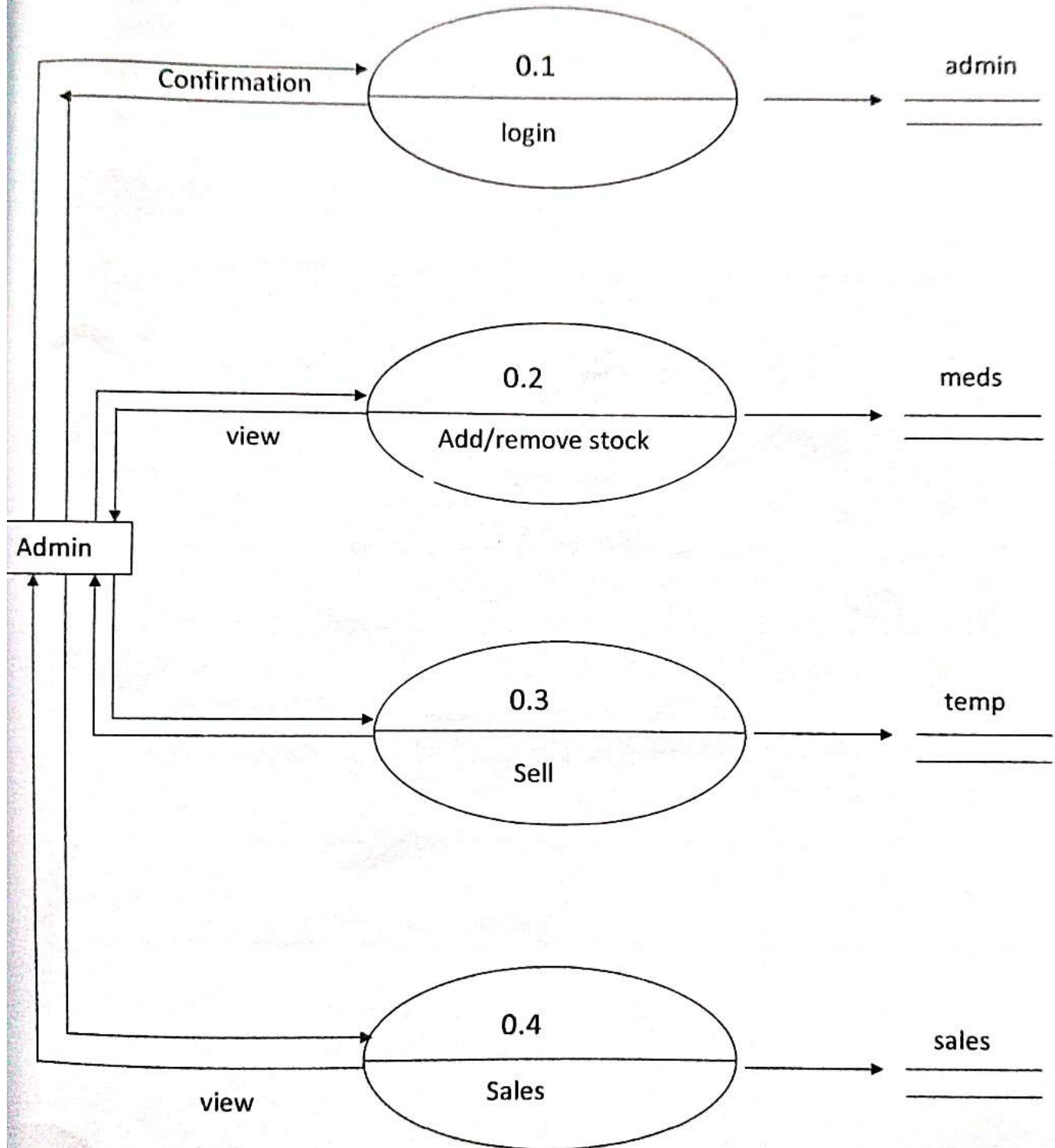
```
                insert
Admin  ───────────────────▶   Pharmacy
       ◀───────────────────   Management System
                view
```

Level1 for Admin

```
                    Confirmation          0.1                    admin
                    ───────────►       ┌──────────┐          ─────────►   ─────────
                                       │   login  │
                                       └──────────┘

                                          0.2                    meds
                          view        ┌──────────────────┐   ─────────►   ─────────
                       ──────────────►│ Add/remove stock │
                                      └──────────────────┘

   ┌────────┐
   │ Admin  │                             0.3                    temp
   └────────┘                         ┌──────────┐          ─────────►   ─────────
                       ──────────────►│   Sell   │
                                      └──────────┘

                                          0.4                    sales
                          view        ┌──────────┐          ─────────►   ─────────
                       ──────────────►│  Sales   │
                                      └──────────┘
```

DATABASE DESIGN

Admin:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
user	varchar(20)	latin1_swedish_ci		No	None		
password	varchar(20)	latin1_swedish_ci		No	None		

Check All / Uncheck All With selected

Meds:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
Sl	int(8)			No	None	auto_increment	
medname	varchar(100)	latin1_swedish_ci		No	None		
batch	varchar(20)	latin1_swedish_ci		No	None		
med_exp	varchar(20)	latin1_swedish_ci		No	None		
med_unit	int(8)			No	None		
total_med	int(8)			No	None		
price_unit	int(5)			No	None		
exp_status	int(8)			No	None		

Check All / Uncheck All With selected

Bill:

Field	Type	Collation	Attributes	Null	Default	Extra	Action
Sl	int(5)			No	None	auto_increment	
Med_Name	varchar(200)	latin1_swedish_ci		No	None		
Batch	varchar(50)	latin1_swedish_ci		No	None		
Quantity	int(8)			No	None		
Total	bigint(8)			No	None		

Check All / Uncheck All With selected

LOGICAL DESIGN:-
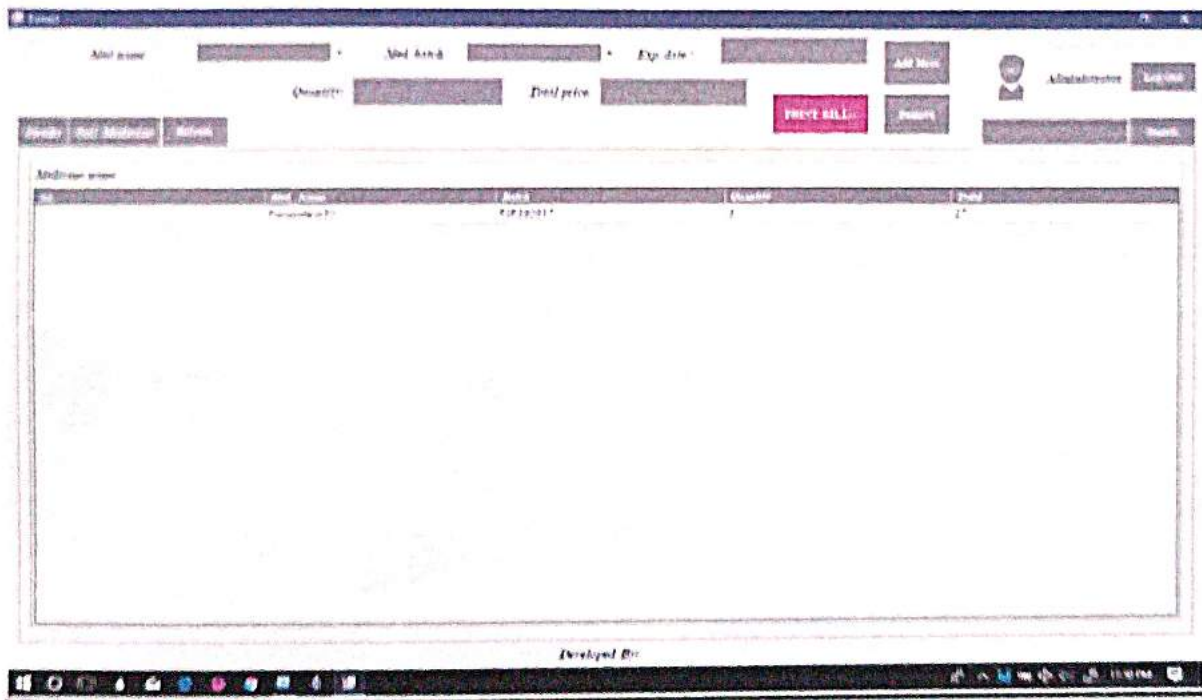
Medicine Name : _____ **Batch No :** _____ **Date of Expiry :** 01/2018

Price _____ **Per** [ ] : **Units :** **Total medicine** _____ :

Insert Sell Medicine Remove | Import Update Delete Search

Administrator Log Out

Medicine name :

Sl	Medicine name	Batch	Expiry date	Per Price	Total price	Total price	Exp. status
2	Paracetamol-500	P3F330317	07/2020	10	942	0	0
3	Xedox	2xdox	01/2018	10	990	10	0
4	Avomine	P3F380816	07/2019	10	955	9	0

Developed By:

CONCLUSION

The pharmacy Management System is actually a software which handle the essential data and save the data of a pharmacy. This software helps in effectively management of the pharmaceutical store. It provides the statistics about the medicine which are in stocks which data can also be updated and edited. It allows users to enter manufacturing as well as expiry date of medicine placing in stock and for sales transactions. This software also have ability to print the bill. The record of supplier's supplies can also be saved in it. This is built to reduce the manual work for managing the medicine, stocks etc.

With very limited knowledge and on a very limited period of time, it is really not very easy to work out complete and perfect software. Though I have tried my best to improve the quality of the software, there may be some limitations and drawbacks in it.

BIBLIOGRAPHY

- www.youtube.com
- www.google.com
- Internet World Wide Web how to program, Pearson education.
- Other resources from net and friends.